

CERTIFICATE OF ANALYSIS



Juniper Analytics, LLC
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 541.382.3796
 ORELAP: 4101-001 / OLCC: 10035537931

Client Name: Sun God Medicinals
 Contact Info: Brie
 Sample Type: Concentrate
 Sample ID: Critical Cure Cannabis Concentrate - Winterized
 METRC ID: 1A4010300004FB2000003447



Juniper Batch #: 18JA0357.03-18JA0357.04-Composite
 Intake Date: 3/8/2018

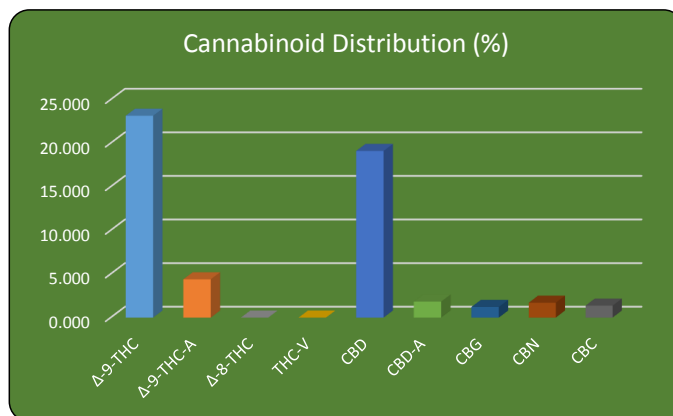
Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: See Individual Results

Instrument: HPLC/DAD

Method: JA-Potency-Proprietary

Compound	Weight (%)	Concentration (mg/g)	LOQ (mg/g)
Δ-9-THC	23.141	231.41	4.60
Δ-9-THC-A	4.381	43.81	5.37
Δ-8-THC	<LOQ	<LOQ	3.07
THC-V	<LOQ	<LOQ	3.07
CBD	19.098	190.98	3.07
CBD-A	1.833	18.33	3.07
CBG	1.212	12.12	3.07
CBN	1.699	16.99	3.07
CBC	1.363	13.63	3.07



TOTAL THC/CBD	Weight (%)	Conc (mg/g)	RPD
% THC Total =	26.983	269.83	1.42%
%THC _{Total} = (THC-A * 0.877) + Δ9THC			PASS
% CBD Total =	20.706	207.06	
%CBD _{Total} = (CBD-A * 0.877) + CBD			

Residual Solvent Analysis (Oregon Compliance Standard OAR 333-007-0410)

ANALYSIS DATE: See Individual Results

Instrument: GC/MS

Method: USP 467 - Modified

Solvent	Result (ppm)	RPD
1,4-Dioxane	*	N/A
2-Butanol	*	N/A
2-Ethoxyethanol	*	N/A
2-Propanol (IPA)	*	N/A
Acetone	*	N/A
Acetonitrile	*	N/A
Benzene	*	N/A
Cumene	*	N/A
Cyclohexane	*	N/A
Dichloromethane	*	N/A
Ethyl acetate	*	N/A
Ethyl ether	*	N/A
Ethylene glycol	*	N/A
Ethylene oxide	*	N/A
Heptane	*	N/A
Isopropyl acetate	*	N/A
Methanol	*	N/A
Propane	*	N/A
Tetrahydrofuran	*	N/A
Toluene	*	N/A

Solvent	Result (ppm)	RPD
Pentanes;	*	N/A
-n-pentane	*	**
-iso-pentane	*	**
-neo-pentane	*	**
Butanes;	*	N/A
-n-butane	*	**
-iso-butane	*	**
Hexanes;	*	N/A
-n-hexane	*	**
-2-methylpentane	*	**
-3-methylpentane	*	**
-2,2-dimethylbutane	*	**
-2,3-dimethylbutane	*	**
Xylenes;	*	N/A
-1,2-dimethylbenzene	*	**
-1,3-dimethylbenzene	*	**
-1,4-dimethylbenzene	*	**
-Ethyl benzene	*	**
**RPD calculated for combined results		

Residual Solvents: PASS

Tentatively Identified Compounds: Peak1: Hits1-2: Ethanol Peak2: Hit1: 1-Hexanol

*N.D. - Compound Not Detected, or

*< LOQ - Less than the Limit of Quantification (Compound detected, but less than limit of quantification)

***Largest hit reported to appropriate governing body; RPD only calculated on samples where the average result is above 50% of the action level.

Approval

[Signature]

Report Date: 3/13/2018

QA Review

Pesticide Analysis (Oregon Compliance Standard OAR 333-008-1190)

ANALYSIS DATE: See Individual Results			Instrument: LC/MS/MS			Method: AOAC 2007.1 ^{-modified}		
Pesticide	Result (ppm)	Action Level / LOQ (ppm)	Pesticide	Result (ppm)	Action Level / LOQ (ppm)			
Abamectin	<LOQ	0.5 / 0.25	Imazalil	<LOQ	0.2 / 0.10			
Acephate	<LOQ	0.4 / 0.20	Imidacloprid	<LOQ	0.4 / 0.20			
Acequinocyl	<LOQ	2.0 / 1.00	Kresoxim-methyl	<LOQ	0.4 / 0.20			
Acetamiprid	<LOQ	0.2 / 0.10	Malathion	<LOQ	0.2 / 0.10			
Aldicarb	<LOQ	0.4 / 0.20	Metalaxyl	<LOQ	0.2 / 0.10			
Azoxystrobin	<LOQ	0.2 / 0.10	Methiocarb	<LOQ	0.2 / 0.10			
Bifenazate	<LOQ	0.2 / 0.10	Methomyl	<LOQ	0.4 / 0.20			
Bifenthrin	<LOQ	0.2 / 0.10	Methyl Parathion	<LOQ	0.2 / 0.10			
Boscalid	<LOQ	0.4 / 0.20	MGK-264	<LOQ	0.2 / 0.10			
Carbaryl	<LOQ	0.2 / 0.10	Myclobutanil	<LOQ	0.2 / 0.10			
Carbofuran	<LOQ	0.2 / 0.10	Naled	<LOQ	0.5 / 0.25			
Chlorantraniliprole	<LOQ	0.2 / 0.10	Oxamyl	<LOQ	1.0 / 0.50			
Chlorfenapyr	<LOQ	1.0 / 0.50	Paclbutrazol	<LOQ	0.4 / 0.20			
Chlorpyrifos	<LOQ	0.2 / 0.10	Permethrins	<LOQ	0.2 / 0.10			
Clofentezine	<LOQ	0.2 / 0.10	Phosmet	<LOQ	0.2 / 0.10			
Cyfluthrin	<LOQ	1.0 / 0.50	Piperonyl butoxide	<LOQ	2.0 / 1.00			
Cypermethrin	<LOQ	1.0 / 0.50	Prallethrin	<LOQ	0.2 / 0.10			
Daminozide	<LOQ	1.0 / 0.50	Propiconazole	<LOQ	0.4 / 0.20			
DDVP (Dichlorvos)	<LOQ	1.0 / 0.50	Propoxur	<LOQ	0.2 / 0.10			
Diazinon	<LOQ	0.2 / 0.10	Pyrethrins	<LOQ	1.0 / 0.50			
Dimethoate	<LOQ	0.2 / 0.10	Pyridaben	<LOQ	0.2 / 0.10			
Ethoprophos	<LOQ	0.2 / 0.10	Spinosad	<LOQ	0.2 / 0.10			
Etofenprox	<LOQ	0.4 / 0.20	Spiromesifen	<LOQ	0.2 / 0.10			
Etoxazole	<LOQ	0.2 / 0.10	Spirotetramat	<LOQ	0.2 / 0.10			
Fenoxycarb	<LOQ	0.2 / 0.10	Spiroxamine	<LOQ	0.4 / 0.20			
Fenproximoate	<LOQ	0.4 / 0.20	Tebuconazole	<LOQ	0.4 / 0.20			
Fipronil	<LOQ	0.4 / 0.20	Thiacloprid	<LOQ	0.2 / 0.10			
Flonicamid	<LOQ	1.0 / 0.50	Thiamethoxam	<LOQ	0.2 / 0.10			
Fludioxonil	<LOQ	0.4 / 0.20	Trifloxystrobin	<LOQ	0.2 / 0.10			
Hexythiazox	<LOQ	1.0 / 0.50						
Pesticide Screen	PASS							

LOQ= Limit of Quantification

Microbiological Contaminants (Oregon Compliance Standard OAR 333-007-0390)

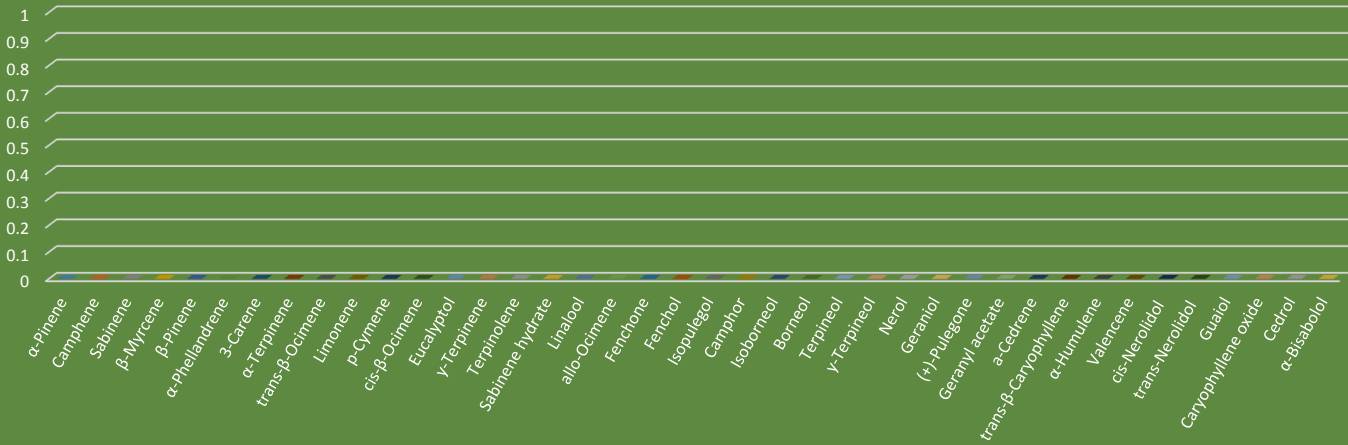
ANALYSIS DATE: Not Tested

Microbiological screening	Colony count	CFU/g	Results:
Total coliforms	Not tested	Not tested	N/A
Esherichia coli (E-coli)	Not tested	Not tested	N/A

Terpene Profile

ANALYSIS DATE: Not Tested			Instrument: GC/MS			Method: JA-Terpene-Proprietary		
Compound	µg/g	%	Compound	µg/g	%	Compound	µg/g	%
α-Pinene			Isopulegol					
Camphene			Camphor					
Sabinene			Isoborneol					
β-Myrcene			Borneol					
β-Pinene			Terpineol					
α-Phellandrene			γ-Terpineol					
3-Carene			Nerol					
α-Terpinene			Geraniol					
trans-β-Ocimene			(+)-Pulegone					
Limonene			Geranyl acetate					
p-Cymene			α-Cedrene					
cis-β-Ocimene			trans-β-Caryophyllene					
Eucalyptol			α-Humulene					
γ-Terpinene			Valencene					
Terpinolene			cis-Nerolidol					
Sabinene hydrate			trans-Nerolidol					
Linalool			Guaiol					
allo-Ocimene			Caryophyllene oxide					
Fenchone			Cedrol					
Fenchol			α-Bisabolol					
			TOTAL					

Terpene Levels (µg/g)



Batch QC WorkGroup ID:

Potency See Individual Results

Residual Solvents See Individual Results

Pesticides See Individual Results

Disclaimer

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